

STREETLIGHTS, NEW DEVELOPMENT

The following describes the procedures and responsibilities, reference the Chesterfield County Streetlight Policy, on succeeding pages, for the installation of streetlights in new development.

Initial submissions of road plans, both commercial and residential, will include a separate plan sheet showing ultimate projected vehicle counts and resultant required streetlight locations as identified by the requirements of the Streetlight Policy.

Streetlight plan sheets will be evaluated by staff for compliance with the Streetlight Policy as it relates to new development. Minimum compliance is required; streetlights in excess of the minimum is acceptable.

Plan sheets not meeting minimum compliance criteria as set forth in the Streetlight Policy will not be approved and complying revisions will be requested from the developer/design firm. Revisions will be required until compliance is achieved.

Approved streetlight plan sheets will be forwarded to the appropriate electric utility for installation cost determination.

Upon receipt of a installation cost quotation from the electric utility, staff will notify the developer of that cost. The developer must remit in this department an amount equal to the amount stipulated in the electric utility installation cost quotation **and** a separate administrative fee of \$50.00. Payment from the developer of both the installation cost and the administration fee must be received prior to staff authorization for the electric utility to proceed with the installation **and prior to recordation.**

The administration fee is waived for development plans not requiring any streetlights.

STREETLIGHTS IN NEW DEVELOPMENTS

I. Street Lighting facilities, including related wiring and easements shall be provided in subdivision and site developments and shall meet the following requirements:

A. Residential

1. Street lights shall be provided at the entrance to all new subdivisions if the new roads create a "tee" (T) or "cross" (+) intersection, provided the intersection carries in excess of 400 VPD.
2. Street lights shall be provided at all intersections where the minor street carries in excess of 400 VPD.
3. Street lighting easements 10' on 40' right-of-way and 5' on 50' right-of-way along the frontage of all lots throughout the subdivision are required. These easements will be recorded with the subdivision plats unless the street light service lines are placed within the proposed street right-of-way. Such easements will be required only on those streets where the minor street is projected to carry in excess of 400 VPD.

B. Commercial/Industrial Parks

1. Street lights shall be provided at the entrances of commercial/industrial parks and at new intersections where all roads collectively carry in excess of 2,000 VPD.

C. Lighting Requirements

1. The Road and Drainage Plans must show the location of the proposed street lights and easements. (Engineering must receive approval from the utility company prior to plan approval)

2. All easements must be shown on the final check plat and recorded with the final plat.
3. All installations shall conform to the Virginia Department of Transportation specifications. (See Land Use Permit Manual, Section 3.872)
4. All street lighting systems shall be installed, owned and maintained by the supplying utility company upon approval of the County.
5. The developer shall pay for the cost of installation.
6. Payment for the cost of installation will be required at time of recordation.

D. Standards and Criteria

1. Luminaire Style - All luminaries shall be as approved by the supplying utility company.
2. Light Source - All light sources shall be as approved by the supplying utility company.
3. Lumen Rating - There is no one set lighting level requirement which would apply to all public roadways in the County. Therefore, each roadway shall be generally lit as follows:
 - a. 8000 lumen - Used for secondary intersections
 - b. 14000 Lumen or greater - Used for primary intersections
 - c. Others - Used on primary roads and/or special cases when recommended by the supplying utility company
4. Pole placement and bracket length shall be as approved by the supplying utility company.
5. Concrete, salt treated or metal poles may be utilized in all new residential subdivisions.

CHESTERFIELD COUNTY STREETLIGHT POLICY

EXISTING SUBDIVISIONS

I. Criteria for Streetlight Approval

- A. Streetlights should be limited to main entrances to subdivisions and/or internal connector streets with a vehicle per day (VPD) count of 400 or more on the minor street or a combined VPD of 600 at the intersection. This would be based upon the most recent VDOT traffic counts.
- B. Streetlights should be limited to "tee" (T) or "cross" (+) intersections and should be installed only on State or County rights-of-way or easements (i.e., streets that are in the state road system) and on the street side of the pole.
- C. A petition must be signed by 75% of the residents within 200 feet of the proposed light and is to include a majority of the homeowners living at the proposed locations.

II. Funding (Existing Development)

- A. The County will pay for the installation of an approved streetlight providing installation money is available. The County will also pay for the monthly electric charges.
- B. The County will take over payments for existing lights if the streetlight criteria are met.
- C. If the light meets the streetlight criteria, but there are no funds available for installation in the current fiscal year, then the light will be placed on a schedule for fund availability. If the applicants desire, they may pay the installation charges associated with the light and the County will take over the monthly electric charge. This money must be paid prior to authorization of the light installation and is non-refundable.

III. Lamp Characteristics

- A. Luminaire Style - Enclosed Unit will be used at all locations.
- B. Light Source - All light sources shall be high pressure sodium vapor (HPSV).
- C. Lumen ratings -
 - 1. 8000 lumen - Used for secondary intersections
 - 2. 14000 lumen or greater - used for primary intersections
 - 3. Other - Used on primary roads and/or special cases when recommended by Virginia Power
- D. Type of Pole - Concrete, salt treated wood, or metal poles may be used in existing developments.

STREETLIGHT REQUEST

Name of Requestor: _____

Address: _____

Telephone Number(s): Home - _____ Work - _____

Is there a pole at the requested location? ☐ Yes ☐ No

If yes, what is the number of the pole? _____

1. Requested streetlight is to be located at the intersection of:

_____ and _____

2. Requested Streetlight is not to be located at an intersection. Installation is requested at:

Please provide any other information you feel might be pertinent:

STREETLIGHT PETITION

This petition is in request for the installation of a streetlight at the following location:

NOTE: Streetlight petitions are a method of evaluating support for a streetlight at a given location. Signing a streetlight petition does not legally bind you to anything. You should be aware, however, that if you live at the location specified above, Virginia Power may seek your permission to install a streetlight on your property and that County approval of this streetlight project may be contingent on your permission to do so. If you absolutely do not want a streetlight installed on your property, you should indicate such on the petition. You may so indicate by writing the letters 'NP' after your name on the petition.

NAME

ADDRESS
